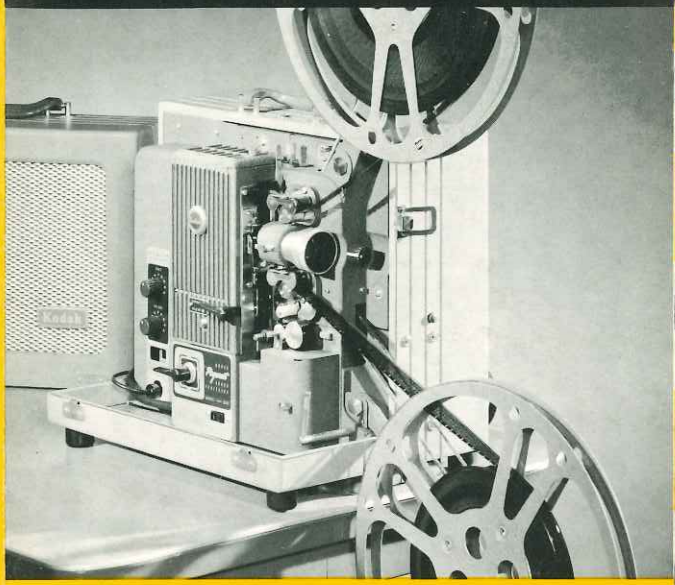
Kodak Customer Service Series

Kodak PAGEANT SOUND PROJECTOR

MODEL 8K5

July 69
Photography
cat. B&H
6 290 lbs.

FOR 16mm OPTICAL SOUND SHOWS



- Single-case design with built-in speaker
- Folding reel arms for easy setups
- True-rated 8-watt amplifier
- Extra-bright screenings
- Permanent lubrication
- Projects silent as well as sound films

KODAK PAGEANT Sound Projector, Model 8K5

What you want from a sound movie projector is brilliant, detailed screenings with quality tonal reproduction—together with ease of operation and maintenance. Proof that you get all this—PLUS—from the 8K5 KODAK PAGEANT Sound Projector is spelled out in this folder . . . features that are a result of years of research and exact engineering.

With the KODAK PAGEANT Projector, Model 8K5, you can screen 16mm sound films whenever you want them. In addition to your own movies, there are many excellent sound reels currently available covering a variety of subjects such as art, drama, history, travel, comedy, and newsreels. People understand more clearly, and remember longer, subjects they "see" and "hear." With the auxiliary KODAK Microphone you can even have commentary or background music with silent films.

You'll like this PAGEANT Projector's quiet operation. This is particularly important where the projector is close to your audience. It is one of the easiest-to-thread sound projectors we know of. But even more important are the fumble-free folding reel arms. They fold out for projection, back again for storage, without so much as your turning a screw. And the drive belts are always attached, ready for use.

The KODAK PAGEANT Sound Projector is lubricated for life at the factory, eliminating the old bugaboo of over- or under-oiling — chief cause of projector breakdown. The powerful 8-watt amplifier and baffled speaker give you really fine tone reproduction from your optical sound films. The entire optical system is LUMENIZED to provide extra-brilliant screenings, and the lens has a built-in field sharpener, assuring needle-sharp images, corner to corner.

Stop in soon and let us put the KODAK PAGEANT Sound Projector through its paces for you. It comes complete in case with 2-inch f/1.6 lens, 750-watt lamp, 8-watt amplifier, speaker, and 1600-foot reel.

SPECIFICATIONS

KODAK PAGEANT Sound Projector, Model 8K5, is complete in a single case, speaker included.

Speaker (9 x 6-inch, oval) — Built into lift-off side cover, which also carries the 25-foot speaker cord. Has gold-tone anodized aluminum grille.

Cords — The 10-foot power cord and the speaker cord are permanently attached.

Reel Arms — Attached to projector — enabling quick set-ups. Fold for storage without removing belts.

Dimensions — Approximately 15¼ x 14 x 10¾ inches.

Weight — 33 pounds.

Finish — Brown metallic wrinkle surface on projector; tan textured finish on outer case.

PROJECTOR

Power Requirements — 105 to 125 volts, 60 CPS (Hz). Underwriters' Laboratories, Inc. Listed.

Sound and Silent Speeds — Constant-speed induction motor for projection at sound or silent speeds (24 or 18 frames per second), as selected.

Threading — Simple, straightforward. Only five threading points, excluding reels. An extra outlet accepts a room-lamp plug or "night light" to facilitate threading.

Film Protection — Sprocket clamps have TENITE Rollers; no stationary parts are in contact with picture or sound-track areas — resulting in longer film life.

Standard Lamp — 750 watts; 1200-watt lamp can be used. Lamp is adjustable for optimum screen uniformity.

Standard Lens — KODAK Projection EKTANAR LUMENIZED Lens, 2-inch f/1.6, with built-in sharpening element for greatest over-all picture definition.

Auxiliary Lenses — 1½-inch f/2.0, 3-inch f/2.0, and 4-inch f/2.5. CINE-KODAK Bifocal Converter (for 2-inch f/1.6 lens) converts focal length to 1⅝-inch or 2½-inch.

Film Capacity — 2000-foot reels of 16mm film.

Film Take-Up — Self-compensating, pivoted reel-spindle arm . . . adjusts automatically for all sizes of reels and loads.

Operating Controls — Single rotary switch on lamphouse panel for amplifier, motor, and lamp circuits . . . for forward projection. Volume and tone controls on amplifier panel. All controls and receptacles on operator's side.

Framing — Effected by moving pulldown pivot point. Fixed-position opening in aperture plate. No recentering of screen image required.

Rewind — Motor driven, smooth, and safe — without transferring reels or belts. Constant tension compensation operates on rewind as well as projection, eliminating hand snubbing.

Loop Former — Sets loop when threading machine. Also can be used to reset it without interruption if loop is lost during performance.

Illumination — Efficient straight-line optical system provides brilliant illumination. Two-element condenser system and projection lens are LUMENIZED.

Film Movement — Nonskip-type, ball-bearing pivoted tandem-claw movement. Tungsten carbide tooth for long wear.

Elevating Control — Spring-counterbalanced — quick, precise, and easily locked into position.

Gate — Readily removed for inspection and cleaning — without the use of tools.

Cooling System — Dynamically balanced centrifugal fan provides full ventilation on both sound and silent speeds . . . permits use of 1200-watt lamp when required.

Quiet Operation — Minimum of moving parts, nylon gears, and no high-speed parts assure quiet, trouble-free operation . . . longer life.

Lubrication — Mechanism is "lubricated for life" with oil-impregnated bearings throughout the machine and in the motor, sealed ball bearings, and oil-retaining pads for the pulldown arm ball-bearing pivot. Nylon gears require no oil.

SOUND SYSTEM

Sound Drum — Rotating-type drum and massive flywheel, mounted on precision ball and sleeve bearings. Mass flywheel and spring-loaded, silicone-oil-damped roller provide maximum stabilization of film at scanning point.

Sound Optics — Sealed-in cylindrical lens system produces precise scanning beam on sound track.

Exciter Lamp — Operates on filtered DC from amplifier. Prefocused. Exclusive new release makes it easy to replace when necessary.

AMPLIFIER

AC Type — using four tubes — a low-noise ECC83/12AX7 dual triode (2 tubes in 1 envelope) for high gain at low levels, a 12AX7 dual triode which functions as a driver and phase inverter, and two 35L6GT beam power output tubes in push-pull with inverse feedback to minimize distortion. A silicon solar cell is used for sound pick-up. Exciter lamp and heaters of all stages supplied with well-filtered DC. A special time-delay resistor prevents damage to exciter lamp and heaters by over-voltaging due to surges or variations in warm-up time.

Output — A full 8 watts.

Frequency Response — 50 to 7000 CPS (Hz) — high and low ranges for best quality.

Tone Control — Single bass and treble — compensates for acoustical conditions, permits adjustment of amplifier response for most pleasing results from sound track.

Microphone Receptacle — Auxiliary microphone can be attached to use projector as a P.A. system or to provide narration when running silent films. Connecting mike plug cuts out photocell.

Easy Servicing — Amplifier tubes are easily accessible for testing or replacement . . . the amplifier can be taken out quickly and tested as a unit.

you won't find a better sound projector at its price

IT'S IDEAL FOR USE BY...

LECTURERS

The 8K5 KODAK PAGEANT Sound Projector is a compact, one-case unit . . . easy to carry and set up. Standard 2-inch f/1.6 lens and 750-watt lamp give brilliant screenings. Auxiliary lenses and 1000- or 1200-watt lamp permit even longer projection throws.

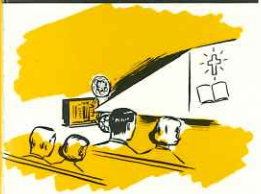
CLUBS

For entertainment, or for chronicling club activities, this is the projector to have. A single switch controls motor and lamp circuits for forward projection, power rewind. And there's no shifting of belts or reels. Budget-priced, the 8K5 Projector will give years of faithful service.

SCHOOLS

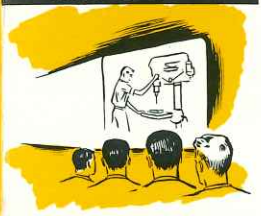
Students learn faster and remember longer with the aid of motion pictures. The 8K5 PAGEANT Projector can be set up in a small classroom or in an auditorium. It has fewer parts than most other sound projectors—making it easier and less expensive to service.

CHURCHES



Many films are available for showings in Sunday Schools and churches — films that motivate and inspire, as well as interpret, teach, and entertain. The 8K5 PAGEANT Projector will show them at their best with top-quality tonal reproduction.

INDUSTRY

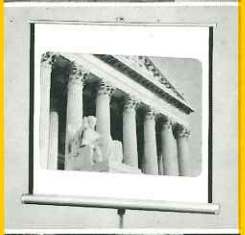


Motion pictures can be used to train workers, help salesmen, inform dealers, improve public relations. The 8K5 Projector offers most everything you need or would want in a sound projector . . . ease of operation, maximum performance, minimum service.

here's why the KODAK PAGEANT Sound Projector, Model 8K5, is your best buy . . .

1. Ease of operation

Both reel arms are permanently attached, fold for storage without removing belts. Only five threading points, excluding reels. A single rotary switch controls amplifier, motor, and lamp circuits. Built-in-case design makes machine easy to carry.



2. Extra-brilliant screenings

Its efficient straight-line optical system provides maximum screen illumination using the standard 750-watt lamp. A 1000- or 1200-watt lamp can be used for "extra-long throws" or in hard-to-darken rooms.

3. Corner-to-corner sharpness

The f/1.6 lens has a built-in field sharpener, assuring needle-sharp images, corner to corner. No fuzzy or soft areas in your screenings.

4. Powerful 8-watt amplifier

A true-rated amplifier that gives you ample output for best quality from your sound films. Has separate volume and tone controls.

5. Sensitive, baffled speaker

The oval speaker with a handsome gold-tone anodized aluminum grille is built into the lift-off side cover. Its design makes efficient use of the sound output, especially important in the high and the low ranges.

6. Permanent lubrication

KODAK PAGEANT Projectors are lubricated for life at the factory, eliminating the greatest single cause of sound projector failures — improper oiling. The PAGEANT Projector is quieter, too, because of its permanent lubrication and features like nylon gears and low-speed gear operation.

record and show your own 16mm sound movies

KODAK PAGEANT Sound Projector, Magnetic-Optical, Model MK5

This projector has the features of the Model 8K5 KODAK PAGEANT Projector, PLUS the ability to record and play back magnetic sound, and you can reverse the MK5 Projector for ease in repeating a scene or making corrections on magnetic sound track. This projector provides the most efficient, most economical, and the fastest way to make 16mm sound films. Single- or double-perforated film can be magnetically striped after processing and used for sound recording. The magnetic sound can be "wiped off" easily when desired, but the projector has built-in safeguards so recording will not be accidentally erased. The Model MK5 can also be used to project regular optical sound. Supplied with 750-watt lamp, 6 x 11-inch speaker, microphone, and 10-watt amplifier. (1000- and 1200-watt lamps available.)

16mm silent projector for critical movie reviewing . . . KODAK ANALYST Movie Projector

This versatile projector with its daylight-viewer unit makes possible desktop shows as well as full-size screen projection. Ideal for analyzing motion by small groups. The ANALYST Projector provides split-second reversing, variable speed (5-24 fps), remote control if desired, separate constant-blower motor, built-in-case design, ultra-heavy-duty construction. Never needs oiling.

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